


| Product Model : A4 | | | |
|--|--|---|----------|
| Mold Pictures |  | | |
| System Physical Standard Configuration | | | |
| Type | Details | Descriptions | |
| Product Form | Product Form | Straight Plate + Classic tabletop | |
| | Dimensions | 200*140*15mm tablet | |
| Weight | Net Weight | below 470g | |
| LCD | Screen Size | 8" | |
| | Screen Resolution | 1920*1200 FHD IPS Screen // 400 nits // Viewing angle 70/70/50/70 // 500:1 contrast ratio | |
| TP | Touch Module | Capacitance, Multi-touch | |
| Battery | Type | Lithium-ion polymer battery | |
| | Tablet Built-in Capacity | 3.7V/5000mAh | |
| | Table battery Endurance | above 8 Hours | |
| System hardware configuration | | | |
| Type | Details | Descriptions | |
| AP CPU | Type | Qualcomm SDA450, 14nm | |
| | Speed | ARM Cortex A53 1.8Ghz | |
| AP GPU | Type | Adreno 506 | |
| LPDDR3 | RAM | 3GB | |
| EMMC | Rom | 32GB | |
| Security part Features | CPU | Type | MAX32550 |
| | Memory | Flash | 1MB |
| | | SDRAM | 256KB |
| Camera | Front | 5MP AF Facial recognition | |
| | Rear | 5MP AF Auto focus for near field imaging of bar coded coupons | |
| Speaker | Built-in | 1W 8ohms | |
| Buzzer | Built-in | Beep | |
| MIC | Built-in | 2-microphone | |
| Motor | Built-in | Built-in | |
| LED | Built-in | Embedded LED light pipes for MSR and SCR reader status Status bar light pipe(multi-color LED, qty:4) - in MST slot vicinity Logo backlight (logo on Touch Panel - whit LED) SCR card slot (white LED - with green SCR lens) | |
| SATA | Built-in | Internal cavity accessible a port that can be used for diagnostics, Android ADB(USB based) and provides UART access to the payment chip | |
| Pinpad | Software based | Software based pinpad Support TR-34 command for Remote Key Injection(asymmetric technique for symmetric key distribution) Support Local key injection using Futurex and Geobridge HSMs. | |
| Magnetic card | Track 1/2/3, bi-directional | All magnetic stripe CARDS that conform to ISO7811 standard can be read.Card swiping direction can be one-way or two-way, card swiping speed range is 10 mm/SEC -100 mm/SEC, support 3 track. SPI or USB interface. >50000 swipes lifetime rating. | |
| IC card | Contact IC card | support 1 IC card, contact IC card >15000 insertions/removals lifetime rating SPI or other interface Compliant with EMV L1, L2 contact ISO7816 1/2/3, asynchronous T=1 & T=0 Landing type contacts support for 3V & 5V cards at both single and double clock frequency standards(Class A and Class B cards) | |
| Contactless IC card | Contactless IC card | SPI or other interface Landing zone on touchscreen area (NFC antenna is behind LCM module) Compliant with EMV L1,L2 contactless EMV L2 contactless Software Kernel Support Apple Pay, Android Pay, Samsung Pay | |
| Network Connections | | | |
| Type | Details | Descriptions | |
| WIFI | WIFI module | 802.11 b/g/n/ac 2.4G, 5G | |
| BT | BT module | V4.1 or higher - dual mode classic and BT Low Energy | |
| NFC | | ISO 14443 and EMV Contactless L1 | |
| Interface Configuration | | | |
| Type | Details | Descriptions | |
| USB interface | Micro Usb | Micro USB 2.0 high speed charge the tablet | |
| Headphone jack | Music output | φ 3.5mm headphone jack | |
| MSR slot | Built-in | Magnetic stripe | |
| SCR slot | Built-in | EMV contact card reader | |
| SATA | Built-in | internal cavity accessible USB and UART protocols for OS and FW updates a port that can be used for diagnostics, Android ADB(USB based) and provides UART access to the payment chip | |
| Necessary Accessories | | | |
| Type | Details | Descriptions | |
| Power adapter | Standard Configuration | USB (5V/2.0A) | |
| USB patch cord | Standard Configuration | USB standard cable | |
| Software Configuration | | | |
| Type | Details | Descriptions | |
| Operating System | Operating system version | Android 10 | |
| | Language | Multi-language supportive | |
| Real time clock | Built-in | display year, month, day, hour, minute, second | |
| Audio format | | MP3/WMA/APE/FLAC/AAC/OGG/AC3/WAV | |
| Video format | | MKV (H.264HP) /AVI/RM/RMVB/FLV/WMV9/MP4; max:1280X720 (720P) ;MPEG4,XVID, DIVX4/5/6, max:8Mbps; H.264,RealVideo8、'10,max:3Mbps; SorensonH.263.2.5Mbps | |
| Encryption and security | | support 3DES、ANSIX9.9、ANSIX9.8、RSA(2048bit)、SHA-1、AES With safety trigger function | |
| certification(TBD) | | EMV L1 contact EMV L1 contactless EMV L2 contact EMV L2 contactless PCI 5.x PTS (includes SRED,OP, PED) X9 TR-34 | |
| Function | Security | Based on PIN security input authentication, key and sensitive data unpack and self-destruct | |
| | Processing | PIN encryption, MAC computing, data encryption/decryption | |
| | Protect | Sensitive data of power failure shall be saved for more than 3 years | |
| Software | Software request | Through WIFI/USB online upgrade, standard password keyboard function and multi-application manager Support financial transaction application function and save complete transaction log data. | |
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